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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/577,727	05/02/2006	Yoichi Miyagawa	285079US6X PCT	3225
22850	7590	02/02/2010		
OBLON, SPIVAK, MCCLELLAND MAIER & NEUSTADT, L.L.P. 1940 DUKE STREET ALEXANDRIA, VA 22314				
EXAMINER				
NGUYEN, SIMON				
ART UNIT		PAPER NUMBER		
2618				
NOTIFICATION DATE		DELIVERY MODE		
02/02/2010		ELECTRONIC		

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

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Office Action Summary

Application No.

10/577,727

Applicant(s)

MIYAGAWA ET AL.

Examiner

SIMON D. NGUYEN

Art Unit

2618

Period for Reply -- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 2 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 30 December 2009.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-3, 5, 6, 8 and 10-13 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-3, 5, 6, 8 and 10-13 is/are rejected.
- 7) ☒ Claim(s) 1, 8 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO/SB06)
Paper No(s)/Mail Date _____
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date _____
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: _____

DETAILED ACTION

Response to Amendment

1. The amendment filed on 12/30/09 is sufficient to overcome the Masui, Hayaashi, and Arisawa references. As the result of the amendment, claims 4, 7, 9 were cancelled and claims 1-3, 5-6, 8, 10-13 are still pending.

Claim Objections

2. Claims 1 and 8 are objected to because of the following informalities: There are a lot of typing errors, for example:

claim 1: a) said **anteann** including a loop of coil...(line 5 of page 2), b) **a the** antenna or ...(line 8 of page 2), c) **wherien"** when the second transmission means....(line 19, page 2), d) the **anttenna** and another current flows **through** a remaining portion of the loop of coil (lines 20-21 of page 2).

claim 8: a) an wireless reader/writer mode of operation: **and and** (lines 17-18 of page 4); b) **wherien** when the second transmission unit...(line 20 of page 4); c) the **anttenna** and another current flows **through** a remaining portion....(

Appropriate correction is required.

Claim Rejections - 35 USC § 112

3. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

4. Claims 1-3, 5-6, 8, 10-13 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Claim 1 recites the limitations:

a) "reader/writer function for non-contact IC card, comprising:" line 3 of page 2, should amend as reader/writer function for **a** non-contact IC card.... since an article **a** or the helps to understand and emphasizes the limitation;

b) "an external wireless read/writer" in line 7-8 of page 2, should amend to **the** external wireless reader/writer, since this limitation has been used in line 4 of page 2;

c) "an external non-contact IC card" in line 9 of page2 should amend to **the** external non-contact IC card since this limitation has been used in line 5 of page 2;

d) "only to half of the windings (line 20 page 2) should amend to only to **a** half of the windings.

e) "current from the second transmission means" (line 19 of page 2) should amend to **a** current from the second transmission means;

f) "another current flows (line 21 of page 2) should amend to **an** another current flows...

Claim 8 recites the limitation:

a) "only to half of the windings (line 21 page 4) should amend to only to **a** half of the windings.

b) "current from the second transmission means" (line 20 of page 4) should amend to **a** current from the second transmission means;

c) "another current flows" (line 22 of page 4) should amend to **an** another current flows...

Claims 2-3, 5-6, 10-13 are rejected for dependent upon the independent claims that have been rejected.

It is also required Applicant to check other errors may still be in the claims.

Conclusion

5. This application is in condition for allowance except for the following formal matters:

Applicant is required to correct the claim objections and the claim rejection under 35 U.S.C. 112, second paragraph as being pointed out above.

Prosecution on the merits is closed in accordance with the practice under *Ex parte Quayle*, 25 USPQ 74, 453 O.G. 213, (Comm'r Pat. 1935).

A shortened statutory period for reply to this action is set to expire **TWO MONTHS** from the mailing date of this letter.

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Simon Nguyen whose telephone number is (571) 272-7894. The examiner can normally be reached on Monday-Friday from 7:00 AM to 6:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Duc M. Nguyen can be reached on (571) 272-7503. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

January 28, 2010

/SIMON D NGUYEN/

Primary Examiner, Art Unit 2618